



INFORMATION DISCLOSURE STATEMENT

Applicant(s) Elizabeth A. Wang et al.

Filing Date March 18, 1991

Group 1812

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)
DR	AA 4,804,744	2/14/89	Sen	530	350	
	AB 4,774,228	9/27/88	Seyedin	514	21	
	AC 4,774,322	9/27/88	Seyedin	530	353	
	AD 4,434,094	2/28/84	Seyedin and Thomas	530	416	
	AE 4,627,982	12/9/86	Seyedin and Thomas	424	95	
	AF 4,563,350	1/7/86	Nathan	424	95	
	AG 4,294,753	10/31/81	Urist	530	395	
	AH 4,455,256	6/19/84	Urist	530	350	
	AI 4,968,590	11/6/90	Kuberasampath and Rueger	530	326	
DR	AJ 4,761,471	8/2/88	Urist	530	350	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes/No
DR	BA 4 165 78A2	5/9/90	European Patent Appln.	C12N	15/00	
	BB 4 094 72 A1	11/7/90	European Patent Appln.	C12N	15/12	
	BC 33 6760	6/4/89	European Patent Appln.	C07K	7/00	
	BD 2 017466	5/24/90	Canada	C12N	15/16	
DR	BE WO 91/18047	11/28/91	WIPO			

OTHER DOCUMENTS (Including Author, Title, Pertinent Pages, etc.)

DR	CA	Urist et al., <u>Science</u> , 220: 680-686 (1983)
	CB	Luyten et al., <u>The Journal of Biological Chemistry</u> , 264(23) 13377-13380 (August 15, 1989)
	CC	Sampath, et al., <u>Proc. Natl Acad. Sci.</u> , 84: 7109-7113 (1987)
	CD	Ozkaynak et al., <u>The EMBO Journal</u> , v.9 No.7: 2085-2093 (1990)
	CE	Mamistis, T. et al., <u>Molecular Cloning, A Laboratory Manual</u> , Cold Spring Harbor Laboratory, CSH. N.Y. (1982)
DR	CF	Suggs, S.V. et al., <u>Proc. Natl. Acad. Sci. USA.</u> , 501 78, pp. 6617 (1981)

Examiner *Donald Romeo* Date Considered *10/28/03*

INFORMATION DISCLOSURE STATEMENT

Applicant(s) Elizabeth A. Wang et al.

Filing Date March 18, 1991

Group 1812

U.S. PTO  
09/804625  
10/61/30

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)
PR	AK	4,789,732	12/6/88	Urist	530	350	
	AL	4,608,199	8/26/86	Caplan and Syftestad	530	414	
	AM	4,681,763	7/21/87	Nathanson	424	95	
	AN	4,737,578	4/12/88	Evans	530	350	
	AO	4,798,885	1/17/89	Mason	530	350	
	AP	4,810,691	3/7/89	Seyedin	514	2	
	AQ	4,843,063	6/27/89	Seyedin	514	2	
	AR	5,011,691	4/30/91	Oppermann	424	423	
	AS	4,886,747	12/12/89	Deryock			
	AT	5,108,753	4/28/92	Kuberasampath			
	AU	5,106,626	4/21/92	Parsons et al.			
	AV	4,619,989	10/1986	Urist	530	417	
	AW	4,795,804	1/1989	Urist	530	350	

PR AX 5,169,050 12/192 Hammonds FOREIGN PATENT DOCUMENTS 435 69.1

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation Yes/No
PR	BF	WO 89/09787	10/29/89	WIPO	C07K	13/00	
	BG	WO 89/09788	10/19/89	WIPO	C07K	13/00	
	BH	WO 90/03733	4/19/90	WIPO	A01N	63/02	
	BI	WO 91/02744	3/7/91	WIPO	C07K	15/06	
PR	BJ	WO 91/05802	5/2/91	WIPO	C07K	15/00	

OTHER DOCUMENTS (Including Author, Title, Pertinent Pages, etc.)

PR	CG	Hammonds et al., <u>Molecular Endocrinology</u> , 5:149-155 (1991)					

Examiner

Paul Romo

Date Considered

10/28/03

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Elizabeth Wang

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Form PTO-1449 (REV. 5-3-82)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GI 5071 H	SERIAL NO. <del>179,100</del> 09/604,625
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Elizabeth Wang, et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR	4 8 0 4 7 6 6	2/14/89	Sen			
	4 7 7 4 2 2 8	9/27/88	Seyedin			
	4 7 7 4 3 2 2	9/27/88	Seyedin			
	4 4 3 4 0 9 4	2/28/84	Seyedin and Thomas			
	4 6 2 7 9 8 2	12/9/86	Seyedin and Thomas			
	4 5 6 3 3 5 0	1/7/86	Nachan			
	4 2 9 4 7 5 3	10/31/81	Urist			
	4 4 5 5 2 5 6	6/19/84	Urist			
	4 9 6 8 5 9 0	11/6/90	Kuberasampath and Rueger			
	4 7 6 1 4 7 1	8/2/88	Urist			
AR	4 7 8 9 7 3 2	12/6/88	Urist			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AR	1 6 9 0 1 6	1/22/86	Europe				
	1 4 8 1 5 5	7/10/85	Europe				
AR	3 3 6 7 6 0	6/4/89	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Urist, et al., Science 220: 680-686 (1983)
AR	Sampath, et al., Proc. Natl. Acad Sci 84: 7109-7113 (1987)

EXAMINER James Romeo

DATE CONSIDERED 10/28/03

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GI 5151A

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SERIAL NO. ~~07/370,547~~ 09/804,625

INFORMATION DISCLOSURE STATEMENT  
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Wozney, et al.

FILING DATE  
June 23, 1989

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184

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
						YES	NO
AR	4 6 0 8 1 9 9	8/26/86	Caplan and Syftestad				
	4 6 8 1 7 6 3	7/21/87	Nachanson				
	4 7 3 7 5 7 8 4	12/88	Evans				
	4 7 9 8 8 8 5 1	1/17/89	Mason				
	4 8 1 0 6 9 1	3/7/89	Seyedin				
AR	4 8 4 3 0 6 3	6/27/89	Sevedin				

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*James R. Jones*

DATE CONSIDERED

10/28/07

\*EXAMINER Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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ATTY. DOCKET NO. GI 5160C SERIAL NO. 05/804,625  
07/721,847

INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
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APPLICANT E. Wang et al.

FILING DATE 14 June 1991 GROUP 1814

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPROX
AR	4 8 0 4 7 4 4	2/14/89	Sen			
	4 7 7 4 2 2 8	9/27/88	Seyedin			
	4 7 7 4 3 2 2	9/27/86	Seyedin			
	4 4 3 4 0 9 4	2/28/84	Seyedin and Thomas			
	4 6 2 7 9 8 2	12/9/86	Seyedin and Thomas			
	4 5 6 3 3 5 0	1/7/86	Nathan			
	4 2 9 4 7 5 3	10/31/81	Urist			
	4 4 5 5 2 5 6	6/19/84	Urist			
	4 9 6 8 5 9 0	11/6/90	Kuberasampath and Rueger			
	4 7 6 1 4 7 1	8/2/88	Urist			
AR	4 7 8 9 7 3 2	12/6/88	Urist			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLA YES
AR	04 1 6 5 7 8 A 2	5/9/90	Europe			
	04 0 9 4 7 2 A 1	11/7/90	Europe			
	3 3 6 7 6 0	6/4/89	Europe			
	2 0 1 7 4 6 6	5/24/90	Canada			
AR	WO 9 1 1 8 0 4 7	11/28/91	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Urist, et al, <u>Science</u> , 220: 680-686 (1983)
AR	Luyten, et al, <u>The Journal of Biological Chemistry</u> , 264(23): 13377-1338 (August 15, 1989)
AR	Sampath, et al, <u>Proc. Natl. Acad. Sci.</u> , 84: 7109-7113 (1987)
	Ozkanov, et al., <u>The EMBO Journal</u> , v.9 no.7: 2085-2093 (1990)

EXAMINER James Rowe 10/25/90 DATE CONSIDERED

INFORMATION DISCLOSURE STATEMENT  
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APPLICANT  
E. Wang et al

FILING DATE  
14 June 1991

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1814

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PR	4 6 0 8 1 9 9	8/26/86	Caplan and Syftestad			
	4 6 8 1 7 6 3	7/21/87	Nathanson			
	4 7 3 7 5 7 8	4/12/88	Evans			
	4 7 9 8 8 8 5	1/17/89	Mason			
	4 8 1 0 6 9 1	3/7/89	Seyedin			
	4 8 4 3 0 6 3	6/27/89	Seyedin			
	5 0 1 1 6 9 1	4/30/91	Oppermann			
	4 8 8 6 7 4 7	12/12/89	Derynck			
	5 1 0 8 7 5 3	4/28/92	Kuberasampath et al.			
PR	5 1 0 6 6 2 6	4/21/92	Parsons et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PR	WO 8 9 / 0 9 7 8 7	10/29/89	WIPO				
	WO 8 9 / 0 9 7 8 8	10/19/89	WIPO				
	WO 9 0 / 0 3 7 3 3	4/19/90	WIPO				
	WO 9 1 / 0 2 7 4 4	3/7/91	WIPO				
PR	WO 9 1 / 0 5 8 0 2	5/2/91	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PR	Hammonds et al Molecular Endocrinology: 5: 149-155 (1991)

EXAMINER

James Ramos

DATE CONSIDERED

10/28/03